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ATTY DOCKET NO. 9917 (NCR.0051US)	SERIAL NO. 09/900,280
APPLICANT(S): GANG LUO ET AL.	
FILING DATE: July 6, 2001	GROUP ART UNIT: 2172

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HH.	Wilbert J. Labio et al., "Physical Database Design for Data Warehouses," ICDE, pp. 277-288 (1997).
II.	Dallan Quass et al., "Making Views Self-Maintainable for Data Warehousing," PDIS, pp. 158-169 (1996).
JJ.	Dallan Quass et al., "On-Line Warehouse View Maintenance," SIGMOD, pp. 393-404 (1997).
KK.	
LL.	
MM.	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

172F	E.	D. Agrawal et al., "Efficient View Maintenance at Data Warehouses," pp. 417-427 (1997).
172F	F.	Yue Zhuge et al., "The Strobe Algorithms for Multi-Souce Warehouse Consistency," pp. 146-157 (1996).
172F	G.	Patrick Valduriez, "Join Indices," ACM Transactions on Database Systems, Vol. 12, No. 2, pp. 218-246 (June 1987).
172F	H.	Jennifer Widom, "Research Problems in Data Warehousing," CIKM, pp. 25-30 (1995).
172F	I.	Richard Winter, "B2B Active Warehousing: Data on Demand," Teradata Review Fall 2000, pp. 1-5, printed from http://www.teradatamagazine.com (2000).
172F	J.	Nick Roussopoulos, "Materialized Views and Data Warehouses," SIGMOD Record 27(1), pp. 21-26 (1998).
172F	K.	Kenneth A. Ross et al., "Materialized View Maintenance and Integrity Constraint Checking: Trading Space for Time," SIGMOD, pp. 447-458 (1996).
172F	L.	TPC Benchmark™R, Standard Specification Revision 2.1.0, pp. 1-144 (1993).
172F	M.	Jose A. Blakeley et al., "Updating Derived Relations: Detecting Irrelevant and Autonomously Computable Updates," ACM Transactions on Database Systems, Vol. 14, No. 3, pp. 369-400 (September 1989).
172F	N.	Surajit Chaudhuri et al., "An Overview of Data Warehousing and OLAP Technology," SIGMOD Record 26(1), pp. 65-74 (1997).
172F	O.	Latha S. Colby et al., "Supporting Multiple View Maintenance Policies," SIGMOD, pp. 405-416 (1997).
172F	P.	Venky Harinarayan et al., "Implementing Data Cubes Efficiently," SIGMOD, pp. 205-216 (1996).
172F	Q.	H.V. Jagadish et al, "View Maintenance Issues for the Chronicle Data Model," PODS, pp. 113-124 (1995).

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